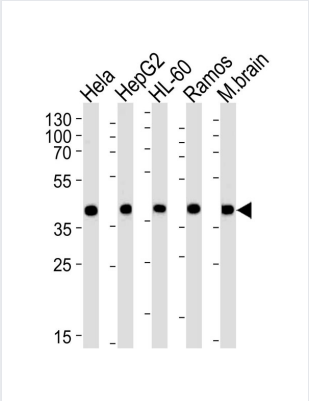
GOT2 Antibody – Rabbit Polyclonal

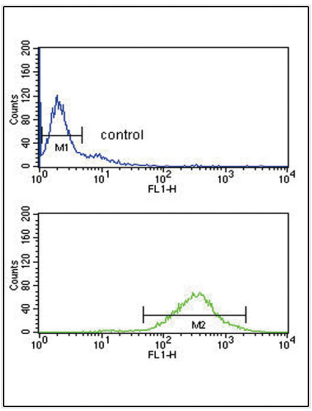
PRODUCT OVERVIEW

Product Name	GOT2, Polyclonal Antibody
Full Product Name	GOT2, NT (Glutamate Oxaloacetate Transaminase 2, Aspartate Aminotransferase Mitochondrial, Fatty Acid-binding Protein, FABP-1, FLJ40994, KAT4, KATIV, mAspAT, mitAAT, Plasma Membrane-associated Fatty Acid-binding Protein, FABPpm, Transaminase A) (Biotin)
Product Gene Name	anti-GOT2 antibody
Product Synonym Names	Glutamic-oxaloacetic Transaminase 2, mitochondrial (Aspartate Aminotransferase 2); EC=2.6.1.1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human GOT2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	430
Chromosome Location	Chromosome: 16; NC_000016.9 (58741035..58768246, complement). Location: 16q21
OMIM	138150
3D Structure	ModBase 3D Structure for P00505
Immunogen	KLH-conjugated synthetic peptide corresponding to a portion of amino acids within aa40-69 from the N-terminal region of human GOT2.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-GOT2 antibody	Antibodies; Fatty Acid Binding Protein
Applications Tested/Suitable for anti-GOT2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-GOT2 antibody	WB: 1:100-1:500 ELISA: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-GOT2 antibody	MBS6478244 is an antibody targeting GOT2. Also known as GOT2, NT (Glutamate Oxaloacetate Transaminase 2, Aspartate Aminotransferase Mitochondrial, Fatty Acid-binding Protein, FABP-1, FLJ40994, KAT4, KATIV, mAspAT, mitAAT, Plasma Membrane-associated Fatty Acid-binding Protein, FABPpm, Transaminase A) (Biotin). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-GOT2 antibody	1. Schiele, F., et.al., Clin. Chem. 35(6), 926-930 (1989). 2. Watazu, Y., et.al., Clin. Chem. 36(4), 687-689 (1990).

Other Notes	Small volumes of anti-GOT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GOT2 antibody
Western Blot analysis of lysates from Hela, HepG2, HL-60, Ramos, mouse brain cell line (from left to right), usingMBS627800. MBS627800 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Flow Cytometry (FC/FACS) of anti-GOT2 antibody
Flow Cytometry analysis of MBS627800 in Ramos cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GOT2. It may not necessarily be applicable to this product.

NCBI GI #	73486658
NCBI GeneID	2806
NCBI Accession #	NP_002071.2
UniProt Primary Accession #	P00505
UniProt Secondary Accession #	Q53FL3; Q9BWA3
UniProt Related Accession #	P00505
GenBank Nucleotide #	NM_002080.2
NCBI Official Full Name	aspartate aminotransferase, mitochondrial
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 2, mitochondrial
NCBI Official Symbol	GOT2
NCBI Official Synonym Symbols	KAT4; KATIV; mitAAT
UniProt Protein Name	Aspartate aminotransferase, mitochondrial
UniProt Synonym Protein Names	Fatty acid-binding protein; FABP-1; Glutamate oxaloacetate transaminase 2; Kynurenine aminotransferase 4; Kynurenine aminotransferase IV; Kynurenine--oxoglutarate transaminase 4; Kynurenine--oxoglutarate transaminase IV; Plasma membrane-associated fatty acid-binding protein; FABPpm; Transaminase A
UniProt Gene Name	GOT2
UniProt Synonym Gene Names	mAspAT; FABP-1; FABPpm
UniProt Entry Name	AATM_HUMAN
NCBI Protein Information	aspartate aminotransferase, mitochondrial; FABP-1; FABPpm; mAspAT; transaminase A; aspartate transaminase 2; fatty acid-binding protein; aspartate aminotransferase 2; kynurenine aminotransferase 4; kynurenine aminotransferase IV; glutamate oxaloacetate tr

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